



### Abstract of the Invention

A speaker having a generally linear response by configuring two elastic members opposite one another so that any non-linearity in the spring constant between an  
5 outward displacement versus an inward displacement are substantially cancelled. The present invention provides a pseudo linear spring constant throughout the range of travel of the cone and voice coil, or the sound baffle for a passive radiator. This minimizes the flexing of the cone and the wobble of the voice coil tube, or the baffle, as each travels to reproduce the audio waves.